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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant of: Kirk C. Salomon Confirmation No.: 2900  
Serial No.: 09/931,425 Art Unit: 2143  
Filed: August 16, 2001 Examiner: William C. Vaughn, Jr.  
For: INTERNET-DEPLOYED Attorney Docket No.: 10629-003-999  
WIRELESS SYSTEM

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 C.F.R. §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the application.

1. Enclosures accompanying this Information Disclosure Statement are:

1a. ☒ A list of all patents, publications, applications, or other information submitted for consideration by the office.

1b. A legible copy of :

☐ Each publication or that portion which caused it to be listed on the PTO-1449;

☐ For each cited pending unpublished U.S. application, the application specification including the claims, and any drawing of the application, or portion of the application which caused it to be listed on the PTO-1449 including any claims directed to that portion that have been checked to be unavailable at the USPTO's private PAIR system;

☒ An English language copy of search report(s) from a counterpart foreign application or PCT International Search Report;

☐ Explanations of relevancy (ATTACHMENT 1(d), hereto) or English language abstracts of the non-English language publications;

☐ All other information or portion which caused it to be listed on the PTO-1449.

1c. ☒ Pursuant to 37 C.F.R. § 1.98(a)(2)(ii), copies of the cited U.S. patents and U.S. patent application publications are not submitted herewith unless required by the office.

1d. ☐ Pursuant to 1287 OG 163, copies of cited pending unpublished applications that are available at the USPTO's private PAIR system are not submitted herewith.

2. ☐ This Information Disclosure Statement is filed under 37 C.F.R. §1.97(b):

- ☐ Within three months of the filing date of a national application other than a continued prosecution application under §1.53(d);
  - ☐ Within three months of the date of entry of the national stage as set forth in §1.491 in an international application;
  - ☐ Before the mailing of the first Office action on the merits;
  - ☐ Before the mailing of a first Office action after the filing of a request for continued examination under §1.114.
3. ☐ This Information Disclosure Statement is filed under 37 C.F.R. §1.97(c) after the period specified in 37 C.F.R. §1.97(b), but before the mailing date of any of a final action under 37 C.F.R. §1.113, a notice of allowance under 37 C.F.R. §1.311 or an action that otherwise closes prosecution in the application.

*(Check either Item 3a or 3b)*

- 3a. ☐ The Certification Statement in Item 5 below is applicable. Accordingly, no fee is required.
- 3b. ☐ The \$180.00 fee set forth in 37 C.F.R. §1.17(p) in accordance with 37 C.F.R. §1.97(c) is:
- ☐ enclosed.
  - ☐ to be charged to Jones Day Deposit Account No. 50-3013.

*(Item 3b to be checked if any reference known for more than 3 months)*

4. ☒ This Information Disclosure Statement is filed under 37 C.F.R. §1.97(d) after the period specified in 37 C.F.R. §1.97(c), but on or before the date of payment of the issue fee.

The Certification Statement in Item 5 below is applicable.

The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is:

- ☐ enclosed.
- ☒ to be charged to Jones Day Deposit Account No. 50-3013.

5. ☐ Certification Statement (applicable if Item 3a or Item 4 is checked):

*(Check either Item 5a or 5b)*

- 5a. ☐ In accordance with 37 C.F.R. §1.97(e)(1), it is certified that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- 5b. ☐ Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not **received** by any individual designated in 37 C.F.R. §1.56(c) more than thirty days prior to the filing of this information disclosure statement.
- 5c. ☐ Pursuant to 37 C.F.R. §1.704(d), each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not **received** by any individual designated in 37 C.F.R. §1.56(c) more than thirty days prior to the filing of this information disclosure statement.

6. ☐ This application is a continuation application under 37 C.F.R. §1.53(b) or (d).

*(Check appropriate Items 6a, 6b and/or 6c)*

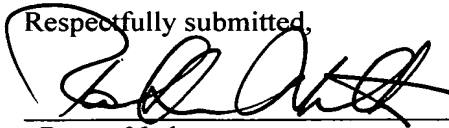
- 6a. ☐ A Petition to Withdraw from issue under 37 C.F.R. §1.313(b)(5) is concurrently filed herewith.
- 6b. ☐ Copies of publications listed on Form PTO-1449 from prior application Serial No. , filed on , of which this application claims priority under 35 U.S.C. §120, are not being submitted pursuant to 37 C.F.R. §1.98(d).
- 6c. ☐ Copies of the publications listed on Form PTO-1449 were not previously cited in prior application Serial No. , filed on , and are provided herewith.
7. ☐ This is a Supplemental Information Disclosure Statement. (Check Item 7a)
- 7a. ☐ This Supplemental Information Disclosure Statement under 37 C.F.R. §1.97(f) supplements the Information Disclosure Statement filed on . A bona fide attempt was made to comply with 37 C.F.R. §1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental Information Disclosure Statement can be considered as if properly filed on .
8. ☐ In accordance with 37 C.F.R. §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is:

*( Check Item 8a, 8b, or 8c)*

- 8a. ☐ Satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreign office.
- 8b. ☐ Set forth in the application.
- 8c. ☐ Enclosed as an attachment hereto.
9. ☒ The Commissioner is authorized to charge any additional fee required or credit any overpayment for this Information Disclosure Statement and/or Petition to Jones Day Deposit Account No. 50-3013.
10. ☒ No admission is made that the information cited in this Statement is, or is considered to be, material to patentability and no representation is made that a search has been made (other than a search report of a foreign counterpart application or PCT International Search Report if submitted herewith). 37 C.F.R. §§1.97(g) and (h).

Respectfully submitted,

Date: August 21, 2006

  
Rattan Nath  
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New York, New York 10017  
(212) 326-3939

43,827

(Reg. No.)


**LIST OF REFERENCES CITED BY APPLICANT**  
 (Use several sheets if necessary)

ATTY. DOCKET NO.

10629-003-999

APPLICATION NO.

09/931,425

APPLICANT

Kirk C. Salomon

FILING DATE

August 16, 2001

GROUP

2143

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A 5,909,437	06/01/99	Rhodes et al.			
	A 2004/0023640 A1	2/5/2004	Ballai			
	A 2003/0217289 A1	11/20/2003	Ammon, et al.			
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	A 2004/0022186 A1	2/5/2004	Kump, et al..			
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	A 6,078,663	06/20/00	Yamamoto			
	A 6,178,512	01/23/01	Fifield			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	B01	WO 03/083601 A2	10/9/2003	PCT			
	B02	WO 01/61965 A1	8/23/01	PCT			
	B03	EP 1 081 895	3/7/01	Europe			
	B04	WO 99 01969	1/14/99	PCT			
	B05						
	B06						
	B07						
	B08						

**OTHER REFERENCES** (Including Author, Title, Date, Pertinent Pages, Etc.)

C01	Copy of International Search Report for Appln. No. PCT/US03/20502 dated December 15, 2003
C02	Copy of International Search Report for Appln. No. PCT/US03/15964 dated December 2, 2003
C03	Copy of International Publication No. WO 2003/100561 A3 dated December 4, 2003
C04	Copy of Written Opinion of PCT/US03/15964 dated May 7, 2004

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>LIST OF REFERENCES CITED BY APPLICANT</b> (Use several sheets if necessary)	ATTY. DOCKET NO. <b>10629-003-999</b>	APPLICATION NO. <b>09/931,425</b>
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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A 5,159,625	10/27/92	Robert G. Zicker			
	A 2003/117985	6/26/03	Fujio Kazuo, et al.			
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	A US-2004/0166812	08/2004	L. Lumelsky			
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
	B09					
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	B11					
	B12					
	B13					
	B14					
	B15					

**OTHER REFERENCES** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

C01	Article by A.K. Salkintzis, et al.: "WLAN-GPRS Integration For Next-Generation Mobile Data Networks," <i>IEEE Wireless Communications, IEEE Service Center, (October 5, 2002, vol. 9, no. 5)</i>
C02	Copy of International Search Report for PCT/US02/26265 dated March 13, 2003
C03	Copy of International Search Report for PCT/US03/24180 dated June 1, 2004
C04	Copy of European Search Report EP 00 10 3334 dated December 14, 2000

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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	A US/2003/0135762	07/2003	Macaulay, et al.			
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	A US-2003/0061606	03/2003	Hartwig, et al.			
	A US/2003-0078037	04/2003	Auckland, et al.			

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**OTHER REFERENCES** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	C01	Article by V. Bharghavan: "Secure Wireless LANs, <i>Proceedings of the 2<sup>nd</sup> ACM Conference On Computer and Communications Security, (November 2-4, 1994, pgs. 10-17)</i>
	C02	Article by A. Aziz, et al.: Privacy and Authentication For Wireless Local Area Networks A Secure Communications Protocol to Prevent Unauthorized Access," <i>IEEE PERSONAL COMMUNICATIONS, (1994, vol. 1, no. 1, pgs. 25-31)</i>
	C03	Copy of International Search Report No. PCT/US03/24885 dated September 27, 2004

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	A US-2002/0178241	11/2002	P. Erikkson			
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					YES	NO

**OTHER REFERENCES** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	C01	Copy of International Search Report of PCT/US/04/004387 dated August 18, 2004
	C02	Copy of Published Application No. WO/2004/073243 dated August 26, 2004
	C03	Copy of Written Opinion of PCT/US/04/004387 dated August 18, 2004
	C04	Copy of European Office Action of European Appln. No. 03 785 061.7 dated September 26, 2005

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**OTHER REFERENCES** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

C01	Article by Bob Brewin: "IBM Develops Tool to Detect Rogue Wireless LAN Access Points," <i>Computeworld</i> (June 17, 2002): <URL: <a href="http://www.computerworld.com/printthis/2002/0,4814,72065,00.html">http://www.computerworld.com/printthis/2002/0,4814,72065,00.html</a> >
C02	Article No. XP-002263356 entitled: "IBM Researchers Demonstrate Industry's First Self-Diagnostic Wireless Security Monitoring Tool," <i>IBM Research News</i> (June 17, 2002): <URL: <a href="http://www.research.ibm.com/resources/news/20020617_dwsa.shtml">http://www.research.ibm.com/resources/news/20020617_dwsa.shtml</a> >
C03	Article No. XP-002263357 entitled: "IBM Research Demonstrate Industry's First Auditing Tool for Wireless Network Security," <i>IBM Research News</i> (July 12, 2001): <URL: <a href="http://www.research.ibm.com/resources/news/20010712_wireless.shtml">http://www.research.ibm.com/resources/news/20010712_wireless.shtml</a> >

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**OTHER REFERENCES** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

C01	John Saunders, "A new TWIST from 3 Com, PageNet, CA", July 30, 1999, 2 pages
C02	"PageNet and CA launch wireless extension for Unicenter TNG", July 23, 1999, 1 page
C03	"AWIG, Pagenet and CA announce availability of wireless extension for Unicenter TNG, July 20, 1999, 3 pages

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